

WHAT IS CLAIMED IS:

1. A diagnostic device for tubular organs, which generates continuous developed still images from video images of an inner wall of the tubular organ so that a diagnosis on a sickness is conducted based on the developed still images, comprising:

image-pickup means used for picking up video images of the inner wall of the tubular organ;

digital image data acquiring means used for acquiring the picked-up video images as digital image data;

developed still image generation means used for generating continuous developed still images without stitched portions from the acquired digital image data; and

at least either one of display means for displaying the developed still images thus generated and output means for outputting printed images,

wherein: the developed still image generation means comprises a pipe projection converting means used for forming a developed image of the inner wall of the tubular organ in the circumferential direction for each frame of the acquired digital image data; and a mosaic processing means for cutting out strips of each frame of the developed images formed by the pipe projection converting means so that the strips are stitched to be converted to continuous developed still image data without stitched portions.

2. The diagnostic device for tubular organs according to claim 1, wherein the image-pickup means is prepared as a cable-type endoscopic camera.

3. The diagnostic device for tubular organs according to claim 1, wherein the image-pickup means is prepared as a capsule-type radio small-size video camera.